

## UAS Preflight Checklist

### Identify area for takeoff/recovery

- Ensure no line of sight from threat
- Cover/Concealment
- Contained area (No entrance/View for non-essential personnel)
- Force Protection identified if necessary (Constantly evaluate)
- Landmarks/Obstructions
- Sanitized Cockpit

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### Equipment

#### Craft

- Structural Integrity (Damage)
- Antennae
- Rotors
- Battery
- Cables
- Camera/FLIR

#### External Electronics

- Television
- FPV
- VHF Radio Battery
- iPhone APP/Charge

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### Communications/Authorization

#### Local Tower

Contact Local Tower (Distance and Direction in Standard Miles from Runway Number/Operations Times/Ceiling)  
\*Refer to Tower Card\*

#### Emergency COA

- 1(202)385-4403 (See E-COA Checklist)

#### Radio

- Call Sign
- Radio Check (VHF/LE Frequencies)

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\*Left column to be read out loud by VISUAL OBSERVER. Right column response to be shouted by OPERATOR\*

## Take Off

- Power (Remote/Craft)....."ON"
- Status....."GREEN" (YELLOW/RED "HOLD")
- Clear for Rotors....."CLEAR"
- Begin Mission....."LAUNCHING"

## Recovery

- Ensure LZ Area Clear....."CLEAR"
- Land Craft....."SHUT DOWN"
- Power Down Craft/Remove Battery
- Power Down Controller

## **Emergency Terminology**

"WAVEOFF/POWER and HOLD can be announced by any of the crew at any time during operations"

"WAVEOFF/POWER" – Operator will cease any movement of the craft in all directions and begin rapid CLIMB

"HOLD" - Operator will cease all movement of the craft and asses any safety concerns